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PTO/SB/05 (11-00)

Approved for use through 10/31/2002 OMB 0651-0032

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 2032US  
First Inventor Thomas H. Barrett, Jr.  
Title See 1 in Addendum  
Express Mail Label No. EJ227635467US

09/818205

03/27/01

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 57]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 33]
5. ☐ Oath or Declaration [Total Pages 3]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Express Mail Certificate

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_

Prior application information Examiner \_\_\_\_\_ Group Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 022881 or ☐ Correspondence address below  
(Insert Customer No. or Attach bar code label here)

Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	Elaine T. Sale	Registration No. (Attorney/Agent)	41,286
Signature	Elaine Sale	Date	27 March 2001

Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

03/27/01

J1044 U.S. PTO

PTO/SB/17 (11-00)

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$2,534.00)

## Complete if Known

Application Number	Unknown
Filing Date	March 27, 2001
First Named Inventor	Thomas H. Barrett, Jr.
Examiner Name	Unknown
Group Art Unit	Unknown
Attorney Docket No.	2032US

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number: 50-0885

Deposit Account Name: Elaine T. Sale

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

1. BASIC FILING FEE					
Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	710	201	355	Utility filing fee	710.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1)					(\$710.00)

2. EXTRA CLAIM FEES

Total Claims: 108  
Independent Claims: 6  
Multiple Dependent: 0

Extra Claims: 20\*\* = 88  
3\*\* = 3

Fee from below: 18  
80

Fee Paid: 1534  
240  
0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$1,824.00)				

\*\*or number previously paid, if greater. For Reissues, see above

## FEE CALCULATION (continued)

3. ADDITIONAL FEES					
Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	0.00
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	0.00
139	130	139	130	Non-English specification	0.00
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	0.00
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	0.00
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	0.00
115	110	215	55	Extension for reply within first month	0.00
116	390	216	195	Extension for reply within second month	0.00
117	890	217	445	Extension for reply within third month	0.00
118	1,390	218	695	Extension for reply within fourth month	0.00
128	1,890	228	945	Extension for reply within fifth month	0.00
119	310	219	155	Notice of Appeal	0.00
120	310	220	155	Filing a brief in support of an appeal	0.00
121	270	221	135	Request for oral hearing	0.00
138	1,510	138	1,510	Petition to institute a public use proceeding	0.00
140	110	240	55	Petition to revive - unavoidable	0.00
141	1,240	241	620	Petition to revive - unintentional	0.00
142	1,240	242	620	Utility issue fee (or reissue)	0.00
143	440	243	220	Design issue fee	0.00
144	600	244	300	Plant issue fee	0.00
122	130	122	130	Petitions to the Commissioner	0.00
123	50	123	50	Processing fee under 37 CFR 1 17(q)	0.00
126	180	126	180	Submission of Information Disclosure Stmt	0.00
581	40	581	40	Recording each patent assignment per property (times number of properties)	0.00
146	710	246	355	Filing a submission after final rejection (37 CFR § 1 129(a))	0.00
149	710	249	355	For each additional invention to be examined (37 CFR § 1 129(b))	0.00
179	710	279	355	Request for Continued Examination (RCE)	0.00
169	900	169	900	Request for expedited examination of a design application	0.00
Other fee (specify) _____					0.00
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3)					(\$0.00)

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Elaine Sale	Registration No (Attorney/Agent)	41,286
Signature	Elaine Sale	Telephone	919-544-5578
		Date	27 March 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Docket No. 2032US

*PATENT*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Barrett Jr., Thomas H. et al

Application No.: Unknown

Filed: 03/27/2001

For: METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR DYNAMIC SCHEDULING AND MATRIX COLLECTING OF DATA ABOUT SAMPLES

**Box Patent Application**

**Assistant Commissioner for Patents**

**Washington, D.C. 20231**

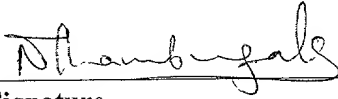
**EXPRESS MAIL CERTIFICATE**

"Express Mail" label number EJ227635467US

Date of Deposit 03/27/2001

I hereby state that the following *attached* papers are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. section 1.10, on the date indicated above and is addressed to Box Patent Application, the Assistant Commissioner for Patents, Washington, D.C. 20231.

Nilminie Thambugala

  
Signature

FORWARDED

## Addendum

1. METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR DYNAMIC SCHEDULING AND MATRIX COLLECTING OF DATA ABOUT SAMPLES

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